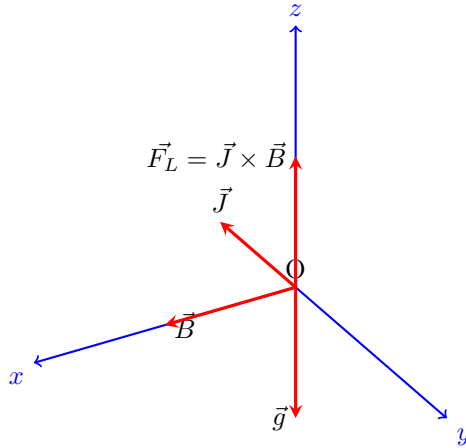
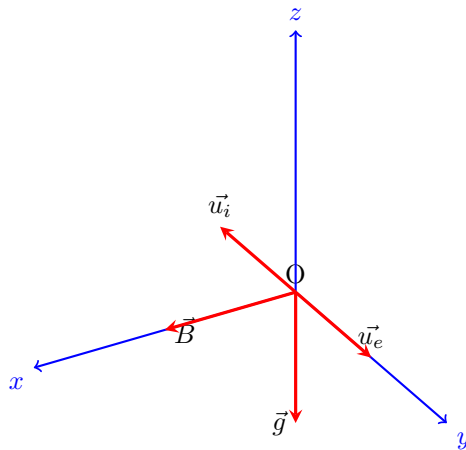


$$\vec{v}_f = \frac{1}{q} \frac{\vec{F} \times \vec{B}}{B^2} \quad (1)$$



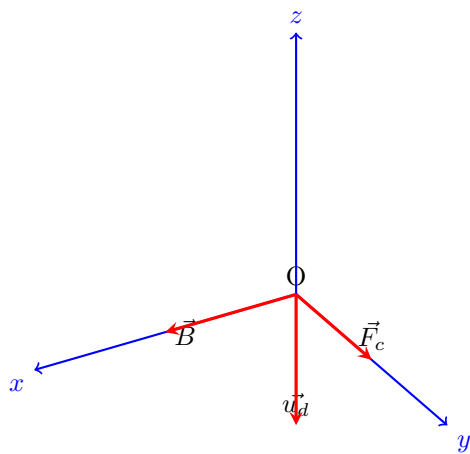
5 species: electrons, H , H^+ , He, He^+

temperature and density constant?

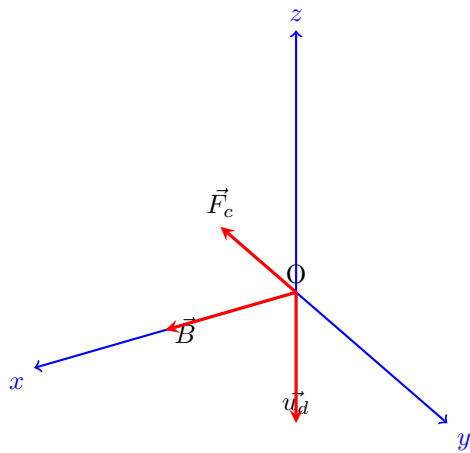
Horizontal drifts(for charges) increased by frictional forces which in this case sum to gravity

Vertical drifts due to horizontal collisional forces:

Downwards ions (He^+):



electrons:



Upwards : ions (H^+)

